

B073CH2 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2008 148.0 to 2008 248.0	-7.19685 ± 0.10547	0.16869	-2.3
2008 170.0 to 2008 270.0	-7.26246 ± 0.09949	0.10308	-1.4
2008 192.0 to 2008 292.0	-7.47518 ± 0.10724	-0.10964	1.5
2008 214.0 to 2008 314.0	-7.61472 ± 0.10750	-0.24918	3.4
2008 238.0 to 2008 338.0	-7.73218 ± 0.07034	-0.36664	5.0
2008 260.0 to 2008 360.0	-7.62553 ± 0.07232	-0.25999	3.5
2008 282.0 to 2009 16.0	-7.61037 ± 0.06905	-0.24483	3.3
2008 304.0 to 2009 38.0	-7.69227 ± 0.06645	-0.32673	4.4
2008 326.0 to 2009 60.0	-7.63009 ± 0.06598	-0.26455	3.6
2008 348.0 to 2009 82.0	-7.61301 ± 0.06462	-0.24747	3.4
2009 4.0 to 2009 104.0	-7.58303 ± 0.07929	-0.21749	3.0
2009 13.0 to 2009 113.0	-7.54580 ± 0.08312	-0.18026	2.4
2009 37.0 to 2009 137.0	-7.44020 ± 0.06615	-0.07466	1.0
2009 61.0 to 2009 161.0	-7.19857 ± 0.07884	0.16697	-2.3
2009 85.0 to 2009 185.0	-7.22905 ± 0.08317	0.13649	-1.9
2009 109.0 to 2009 209.0	-7.27169 ± 0.07962	0.09385	-1.3
2009 133.0 to 2009 233.0	-7.33968 ± 0.09384	0.02586	-0.4
2009 157.0 to 2009 257.0	-7.45958 ± 0.08854	-0.09404	1.3
2009 181.0 to 2009 281.0	-7.42635 ± 0.08909	-0.06081	0.8
2009 205.0 to 2009 305.0	-7.51438 ± 0.09054	-0.14884	2.0
2009 229.0 to 2009 329.0	-7.56040 ± 0.08377	-0.19486	2.6
2009 253.0 to 2009 353.0	-7.40794 ± 0.06976	-0.04240	0.6
2009 287.0 to 2010 22.0	-7.37950 ± 0.06077	-0.01396	0.2
2009 321.0 to 2010 56.0	-7.29529 ± 0.07133	0.07025	-1.0
2009 355.0 to 2010 90.0	-7.21535 ± 0.07893	0.15019	-2.0
2010 24.0 to 2010 124.0	-7.25080 ± 0.08257	0.11474	-1.6
2010 58.0 to 2010 158.0	-7.12116 ± 0.07969	0.24438	-3.3
2010 92.0 to 2010 192.0	-7.33351 ± 0.07842	0.03203	-0.4
2010 126.0 to 2010 226.0	-7.16950 ± 0.08052	0.19604	-2.7
2010 160.0 to 2010 260.0	-7.30067 ± 0.09966	0.06487	-0.9
2010 194.0 to 2010 294.0	-7.56636 ± 0.09822	-0.20082	2.7
2010 228.0 to 2010 328.0	-7.47154 ± 0.07983	-0.10600	1.4
2010 262.0 to 2010 362.0	-7.57273 ± 0.07150	-0.20719	2.8
2010 296.0 to 2011 31.0	-7.42778 ± 0.09262	-0.06224	0.8
2010 330.0 to 2011 65.0	-7.36554 ± 0.09670	0.00000	-0.0
2010 364.0 to 2011 99.0	-7.20015 ± 0.09776	0.16539	-2.2
2011 33.0 to 2011 133.0	-7.05379 ± 0.11729	0.31175	-4.2
2011 67.0 to 2011 167.0	-6.98943 ± 0.10712	0.37611	-5.1
2011 101.0 to 2011 201.0	-7.05208 ± 0.07972	0.31346	-4.3
2011 135.0 to 2011 235.0	-7.24447 ± 0.07736	0.12107	-1.6
2011 169.0 to 2011 269.0	-7.34408 ± 0.12582	0.02146	-0.3
2011 203.0 to 2011 303.0	-7.25346 ± 0.13076	0.11208	-1.5
2011 237.0 to 2011 337.0	-7.39723 ± 0.06335	-0.03169	0.4
2011 271.0 to 2012 6.0	-7.31884 ± 0.07534	0.04670	-0.6

Tidal comparison M2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	1.09 ± 0.05	-54.1 ± 2.6	0.02	1.4
2008 170.0 to 2008 270.0	1.07 ± 0.05	-53.6 ± 2.7	0.04	3.3
2008 192.0 to 2008 292.0	1.15 ± 0.05	-51.3 ± 2.5	0.09	7.8
2008 214.0 to 2008 314.0	1.12 ± 0.06	-50.9 ± 3.1	0.08	7.2
2008 238.0 to 2008 338.0	1.11 ± 0.04	-53.1 ± 2.1	0.03	3.2
2008 260.0 to 2008 360.0	1.14 ± 0.05	-55.9 ± 2.5	0.05	4.3
2008 282.0 to 2009 16.0	1.11 ± 0.05	-61.3 ± 2.6	0.13	11.4
2008 304.0 to 2009 38.0	1.07 ± 0.05	-69.1 ± 2.7	0.27	24.7
2008 326.0 to 2009 60.0	1.11 ± 0.05	-67.2 ± 2.6	0.24	21.7
2008 348.0 to 2009 82.0	1.12 ± 0.05	-66.8 ± 2.6	0.23	21.2
2009 4.0 to 2009 104.0	1.12 ± 0.06	-61.4 ± 3.1	0.13	11.8
2009 13.0 to 2009 113.0	1.13 ± 0.06	-59.6 ± 3.0	0.10	9.0
2009 37.0 to 2009 137.0	1.15 ± 0.05	-56.6 ± 2.5	0.06	5.7
2009 61.0 to 2009 161.0	1.12 ± 0.05	-58.1 ± 2.6	0.07	6.1
2009 85.0 to 2009 185.0	1.15 ± 0.05	-58.0 ± 2.5	0.08	7.4
2009 109.0 to 2009 209.0	1.11 ± 0.04	-60.2 ± 2.1	0.10	9.5
2009 133.0 to 2009 233.0	1.12 ± 0.04	-60.0 ± 2.0	0.10	9.4
2009 157.0 to 2009 257.0	1.17 ± 0.04	-57.6 ± 2.0	0.09	8.2
2009 181.0 to 2009 281.0	1.12 ± 0.04	-55.3 ± 2.0	0.02	2.2
2009 205.0 to 2009 305.0	1.14 ± 0.04	-57.5 ± 2.0	0.07	6.1
2009 229.0 to 2009 329.0	1.10 ± 0.04	-57.2 ± 2.1	0.05	4.2
2009 253.0 to 2009 353.0	1.09 ± 0.05	-61.5 ± 2.6	0.13	11.7
2009 287.0 to 2010 22.0	1.09 ± 0.05	-67.4 ± 2.6	0.24	21.9
2009 321.0 to 2010 56.0	1.17 ± 0.06	-64.9 ± 2.9	0.21	19.3
2009 355.0 to 2010 90.0	1.19 ± 0.06	-61.0 ± 2.9	0.15	14.0
2010 24.0 to 2010 124.0	1.18 ± 0.06	-60.7 ± 2.9	0.14	13.0
2010 58.0 to 2010 158.0	1.13 ± 0.05	-60.7 ± 2.5	0.12	10.8
2010 92.0 to 2010 192.0	1.05 ± 0.05	-55.6 ± 2.7	0.05	4.6
2010 126.0 to 2010 226.0	1.04 ± 0.04	-53.0 ± 2.2	0.07	6.1
2010 160.0 to 2010 260.0	1.07 ± 0.05	-50.4 ± 2.7	0.09	8.0
2010 194.0 to 2010 294.0	1.02 ± 0.04	-50.9 ± 2.2	0.11	9.7
2010 228.0 to 2010 328.0	1.09 ± 0.05	-52.1 ± 2.6	0.05	4.8
2010 262.0 to 2010 362.0	1.02 ± 0.05	-52.1 ± 2.8	0.09	8.5
2010 296.0 to 2011 31.0	1.06 ± 0.08	-52.7 ± 4.3	0.06	5.0
2010 330.0 to 2011 65.0	1.04 ± 0.08	-47.5 ± 4.4	0.15	13.5
2010 364.0 to 2011 99.0	1.22 ± 0.08	-42.1 ± 3.8	0.28	25.8
2011 33.0 to 2011 133.0	1.28 ± 0.08	-41.4 ± 3.6	0.33	30.1
2011 67.0 to 2011 167.0	1.36 ± 0.07	-40.6 ± 2.9	0.40	36.4
2011 101.0 to 2011 201.0	1.19 ± 0.05	-41.7 ± 2.4	0.28	25.2
2011 135.0 to 2011 235.0	1.16 ± 0.05	-39.2 ± 2.5	0.31	28.5
2011 169.0 to 2011 269.0	1.12 ± 0.10	-39.6 ± 5.1	0.29	26.8
2011 203.0 to 2011 303.0	1.14 ± 0.13	-42.2 ± 6.5	0.25	22.7
2011 237.0 to 2011 337.0	1.12 ± 0.05	-42.9 ± 2.6	0.23	21.0
2011 271.0 to 2012 6.0	1.17 ± 0.06	-44.1 ± 2.9	0.22	20.3

Tidal comparison O1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	3.67 ± 0.09	123.3 ± 1.4	0.39	11.6
2008 170.0 to 2008 270.0	3.64 ± 0.08	124.2 ± 1.3	0.33	9.9
2008 192.0 to 2008 292.0	3.68 ± 0.10	125.9 ± 1.6	0.32	9.6
2008 214.0 to 2008 314.0	3.70 ± 0.10	127.9 ± 1.5	0.33	9.8
2008 238.0 to 2008 338.0	3.65 ± 0.08	127.7 ± 1.3	0.28	8.3
2008 260.0 to 2008 360.0	3.78 ± 0.10	127.9 ± 1.5	0.41	12.2
2008 282.0 to 2009 16.0	3.60 ± 0.11	127.3 ± 1.8	0.23	6.8
2008 304.0 to 2009 38.0	3.60 ± 0.11	131.2 ± 1.8	0.32	9.6
2008 326.0 to 2009 60.0	3.77 ± 0.12	131.3 ± 1.8	0.47	13.8
2008 348.0 to 2009 82.0	3.50 ± 0.11	131.8 ± 1.8	0.29	8.7
2009 4.0 to 2009 104.0	3.51 ± 0.12	130.8 ± 2.0	0.25	7.3
2009 13.0 to 2009 113.0	3.55 ± 0.12	129.1 ± 1.9	0.21	6.1
2009 37.0 to 2009 137.0	3.39 ± 0.09	128.2 ± 1.5	0.05	1.5
2009 61.0 to 2009 161.0	3.42 ± 0.10	126.8 ± 1.7	0.06	1.8
2009 85.0 to 2009 185.0	3.57 ± 0.10	126.7 ± 1.6	0.20	6.0
2009 109.0 to 2009 209.0	3.49 ± 0.08	129.9 ± 1.3	0.19	5.6
2009 133.0 to 2009 233.0	3.45 ± 0.09	128.4 ± 1.5	0.10	2.9
2009 157.0 to 2009 257.0	3.44 ± 0.08	127.7 ± 1.3	0.07	2.1
2009 181.0 to 2009 281.0	3.37 ± 0.09	127.3 ± 1.5	0.01	0.2
2009 205.0 to 2009 305.0	3.42 ± 0.09	126.3 ± 1.5	0.08	2.4
2009 229.0 to 2009 329.0	3.42 ± 0.09	126.0 ± 1.5	0.10	2.9
2009 253.0 to 2009 353.0	3.51 ± 0.09	126.1 ± 1.5	0.16	4.7
2009 287.0 to 2010 22.0	3.53 ± 0.10	130.1 ± 1.6	0.23	6.7
2009 321.0 to 2010 56.0	3.37 ± 0.14	130.4 ± 2.4	0.18	5.2
2009 355.0 to 2010 90.0	3.32 ± 0.15	130.8 ± 2.6	0.20	6.0
2010 24.0 to 2010 124.0	3.29 ± 0.13	127.1 ± 2.3	0.08	2.5
2010 58.0 to 2010 158.0	3.47 ± 0.11	129.2 ± 1.8	0.14	4.3
2010 92.0 to 2010 192.0	3.42 ± 0.10	126.4 ± 1.7	0.08	2.3
2010 126.0 to 2010 226.0	3.30 ± 0.08	125.9 ± 1.4	0.11	3.4
2010 160.0 to 2010 260.0	3.06 ± 0.09	125.3 ± 1.7	0.33	9.9
2010 194.0 to 2010 294.0	3.04 ± 0.10	126.1 ± 1.9	0.34	10.1
2010 228.0 to 2010 328.0	2.92 ± 0.10	130.4 ± 2.0	0.48	14.2
2010 262.0 to 2010 362.0	3.01 ± 0.11	132.5 ± 2.1	0.46	13.6
2010 296.0 to 2011 31.0	2.81 ± 0.17	131.7 ± 3.5	0.61	18.0
2010 330.0 to 2011 65.0	3.06 ± 0.18	128.2 ± 3.4	0.31	9.3
2010 364.0 to 2011 99.0	3.43 ± 0.17	129.1 ± 2.8	0.12	3.4
2011 33.0 to 2011 133.0	3.37 ± 0.19	127.8 ± 3.2	0.02	0.7
2011 67.0 to 2011 167.0	3.13 ± 0.16	127.3 ± 2.9	0.24	7.2
2011 101.0 to 2011 201.0	2.88 ± 0.10	126.6 ± 2.0	0.49	14.6
2011 135.0 to 2011 235.0	2.81 ± 0.07	128.1 ± 1.4	0.56	16.7
2011 169.0 to 2011 269.0	2.75 ± 0.14	128.0 ± 2.9	0.62	18.5
2011 203.0 to 2011 303.0	2.67 ± 0.18	129.4 ± 3.9	0.71	21.0
2011 237.0 to 2011 337.0	2.91 ± 0.08	129.5 ± 1.6	0.48	14.1
2011 271.0 to 2012 6.0	3.08 ± 0.11	130.2 ± 2.0	0.33	9.8

Tidal comparison K1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	3.32 ± 0.38	-79.7 ± 6.6	1.05	38.8
2008 170.0 to 2008 270.0	2.10 ± 0.34	-68.5 ± 9.3	1.27	47.1
2008 192.0 to 2008 292.0	1.03 ± 0.41	-61.4 ± 22.8	1.93	71.8
2008 214.0 to 2008 314.0	1.75 ± 0.58	-83.3 ± 19.0	1.05	39.2
2008 238.0 to 2008 338.0	1.70 ± 0.33	-123.4 ± 11.1	1.42	52.9
2008 260.0 to 2008 360.0	1.27 ± 0.43	-143.7 ± 19.4	2.07	76.8
2008 282.0 to 2009 16.0	2.95 ± 0.46	-104.7 ± 8.9	0.51	18.9
2008 304.0 to 2009 38.0	4.45 ± 0.46	-123.5 ± 5.9	2.42	89.7
2008 326.0 to 2009 60.0	2.98 ± 0.47	-138.7 ± 9.0	2.09	77.7
2008 348.0 to 2009 82.0	5.86 ± 0.44	-98.6 ± 4.3	3.17	117.8
2009 4.0 to 2009 104.0	4.42 ± 0.51	-108.9 ± 6.6	1.90	70.5
2009 13.0 to 2009 113.0	4.52 ± 0.51	-116.0 ± 6.5	2.20	81.7
2009 37.0 to 2009 137.0	5.19 ± 0.39	-101.0 ± 4.3	2.52	93.6
2009 61.0 to 2009 161.0	4.09 ± 0.41	-78.2 ± 5.7	1.73	64.1
2009 85.0 to 2009 185.0	4.54 ± 0.40	-83.6 ± 5.0	1.99	73.9
2009 109.0 to 2009 209.0	4.26 ± 0.34	-93.7 ± 4.6	1.57	58.4
2009 133.0 to 2009 233.0	3.17 ± 0.38	-57.7 ± 6.9	1.96	73.0
2009 157.0 to 2009 257.0	2.00 ± 0.35	-59.5 ± 10.0	1.60	59.5
2009 181.0 to 2009 281.0	1.59 ± 0.36	-86.4 ± 13.0	1.15	42.8
2009 205.0 to 2009 305.0	1.11 ± 0.38	-54.6 ± 19.6	2.00	74.1
2009 229.0 to 2009 329.0	1.67 ± 0.38	-112.7 ± 13.0	1.20	44.5
2009 253.0 to 2009 353.0	0.35 ± 0.39	147.5 ± 63.8	2.87	106.5
2009 287.0 to 2010 22.0	5.70 ± 0.44	-113.2 ± 4.4	3.23	120.0
2009 321.0 to 2010 56.0	2.43 ± 0.56	-155.6 ± 13.2	2.56	95.2
2009 355.0 to 2010 90.0	5.18 ± 0.60	-93.0 ± 6.6	2.49	92.6
2010 24.0 to 2010 124.0	4.69 ± 0.52	-105.3 ± 6.4	2.08	77.3
2010 58.0 to 2010 158.0	4.95 ± 0.47	-87.4 ± 5.4	2.32	86.1
2010 92.0 to 2010 192.0	4.88 ± 0.40	-73.9 ± 4.7	2.58	95.9
2010 126.0 to 2010 226.0	4.23 ± 0.32	-91.5 ± 4.3	1.56	57.8
2010 160.0 to 2010 260.0	2.26 ± 0.39	-51.6 ± 9.9	1.91	70.7
2010 194.0 to 2010 294.0	2.81 ± 0.40	-65.8 ± 8.2	1.43	53.0
2010 228.0 to 2010 328.0	1.80 ± 0.41	-111.8 ± 13.1	1.08	40.2
2010 262.0 to 2010 362.0	1.09 ± 0.47	-119.3 ± 24.7	1.75	64.9
2010 296.0 to 2011 31.0	4.56 ± 0.70	-99.2 ± 8.8	1.88	69.8
2010 330.0 to 2011 65.0	2.66 ± 0.74	-148.8 ± 15.9	2.39	88.7
2010 364.0 to 2011 99.0	3.63 ± 0.68	-88.7 ± 10.7	1.01	37.6
2011 33.0 to 2011 133.0	3.43 ± 0.77	-116.2 ± 12.9	1.31	48.5
2011 67.0 to 2011 167.0	4.31 ± 0.65	-93.2 ± 8.6	1.62	60.3
2011 101.0 to 2011 201.0	3.98 ± 0.41	-88.5 ± 5.9	1.35	50.2
2011 135.0 to 2011 235.0	2.88 ± 0.31	-81.1 ± 6.2	0.74	27.3
2011 169.0 to 2011 269.0	2.73 ± 0.60	-58.8 ± 12.6	1.72	63.9
2011 203.0 to 2011 303.0	1.60 ± 0.76	-83.2 ± 27.2	1.18	44.0
2011 237.0 to 2011 337.0	1.25 ± 0.35	-106.0 ± 16.0	1.48	54.9
2011 271.0 to 2012 6.0	1.51 ± 0.47	-104.3 ± 17.8	1.22	45.3

Tidal comparison S2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2008 148.0 to 2008 248.0	0.59 ± 0.20	113.1 ± 19.4	0.92	61.4
2008 170.0 to 2008 270.0	1.27 ± 0.18	129.2 ± 8.1	0.28	18.6
2008 192.0 to 2008 292.0	1.79 ± 0.21	125.5 ± 6.7	0.31	20.5
2008 214.0 to 2008 314.0	1.57 ± 0.28	131.4 ± 10.2	0.25	16.7
2008 238.0 to 2008 338.0	1.60 ± 0.16	147.5 ± 5.7	0.68	45.4
2008 260.0 to 2008 360.0	1.85 ± 0.20	137.4 ± 6.2	0.56	37.4
2008 282.0 to 2009 16.0	1.89 ± 0.21	125.3 ± 6.4	0.40	26.9
2008 304.0 to 2009 38.0	1.02 ± 0.20	129.5 ± 11.2	0.50	33.4
2008 326.0 to 2009 60.0	1.56 ± 0.21	117.9 ± 7.7	0.14	9.2
2008 348.0 to 2009 82.0	1.88 ± 0.20	103.2 ± 6.1	0.68	45.4
2009 4.0 to 2009 104.0	1.84 ± 0.23	110.4 ± 7.2	0.49	32.7
2009 13.0 to 2009 113.0	1.67 ± 0.23	103.1 ± 7.9	0.56	37.4
2009 37.0 to 2009 137.0	1.91 ± 0.19	116.2 ± 5.7	0.45	30.3
2009 61.0 to 2009 161.0	1.15 ± 0.19	136.8 ± 9.5	0.48	31.9
2009 85.0 to 2009 185.0	1.26 ± 0.19	96.4 ± 8.6	0.66	44.3
2009 109.0 to 2009 209.0	1.31 ± 0.16	105.5 ± 7.0	0.45	30.3
2009 133.0 to 2009 233.0	1.25 ± 0.17	122.6 ± 7.8	0.25	16.4
2009 157.0 to 2009 257.0	1.38 ± 0.16	119.9 ± 6.6	0.13	8.9
2009 181.0 to 2009 281.0	2.08 ± 0.17	111.2 ± 4.7	0.68	45.4
2009 205.0 to 2009 305.0	1.58 ± 0.17	127.3 ± 6.2	0.15	10.4
2009 229.0 to 2009 329.0	2.10 ± 0.17	128.6 ± 4.6	0.63	42.3
2009 253.0 to 2009 353.0	2.33 ± 0.18	118.2 ± 4.4	0.85	56.5
2009 287.0 to 2010 22.0	1.85 ± 0.19	141.6 ± 5.9	0.66	43.9
2009 321.0 to 2010 56.0	1.92 ± 0.24	91.5 ± 7.2	1.00	66.8
2009 355.0 to 2010 90.0	1.96 ± 0.25	107.8 ± 7.3	0.64	42.6
2010 24.0 to 2010 124.0	1.38 ± 0.22	107.8 ± 9.1	0.38	25.7
2010 58.0 to 2010 158.0	1.31 ± 0.21	82.6 ± 9.2	0.97	65.0
2010 92.0 to 2010 192.0	1.56 ± 0.19	119.5 ± 7.0	0.10	6.8
2010 126.0 to 2010 226.0	1.13 ± 0.16	131.8 ± 8.1	0.42	28.3
2010 160.0 to 2010 260.0	1.42 ± 0.18	106.8 ± 7.3	0.40	27.0
2010 194.0 to 2010 294.0	1.21 ± 0.18	133.4 ± 8.5	0.38	25.7
2010 228.0 to 2010 328.0	1.65 ± 0.18	129.8 ± 6.3	0.25	16.9
2010 262.0 to 2010 362.0	1.12 ± 0.21	145.2 ± 10.7	0.63	42.4
2010 296.0 to 2011 31.0	1.79 ± 0.30	127.5 ± 9.6	0.33	21.9
2010 330.0 to 2011 65.0	1.32 ± 0.31	124.2 ± 13.5	0.18	12.1
2010 364.0 to 2011 99.0	1.51 ± 0.29	129.9 ± 11.0	0.20	13.1
2011 33.0 to 2011 133.0	1.85 ± 0.32	100.6 ± 9.9	0.72	48.3
2011 67.0 to 2011 167.0	1.64 ± 0.28	136.0 ± 9.8	0.40	26.5
2011 101.0 to 2011 201.0	1.11 ± 0.20	118.0 ± 10.3	0.40	26.7
2011 135.0 to 2011 235.0	1.85 ± 0.20	120.9 ± 6.2	0.36	23.9
2011 169.0 to 2011 269.0	1.31 ± 0.39	129.8 ± 17.1	0.26	17.3
2011 203.0 to 2011 303.0	1.40 ± 0.51	126.9 ± 20.9	0.15	9.9
2011 237.0 to 2011 337.0	1.78 ± 0.18	131.2 ± 5.8	0.38	25.2
2011 271.0 to 2012 6.0	1.32 ± 0.23	134.7 ± 10.0	0.35	23.2